

1/30/07

IN THE SPECIFICATION

Please replace the Title on page 1, line 1, with the following replacement title:

LIGHT SOURCE UNIT AND DISPLAY DEVICE HAVING
LUMINANCE CONTROL BASED UPON DETECTED LIGHT VALUES

Please replace the paragraph beginning at page ¹⁷19, line ¹⁹25 with the following kw 1/30/07
replacement paragraph:

The optical sensor 201 detects the light from the light guide plate 104 that is a light mixer where light is mixed together. Preferably, the optical sensor 201 detects the light exiting through the side surface of the light guide plate 104. The optical sensor 201 can detect a plurality of different wavelengths of light. The optical sensor 201 may comprise a plurality of optical sensor elements 201a, 201b and 201c for detecting different wavelengths of light. Each of the optical sensor elements can detect the intensity of light in a wavelength range with a given bandwidth. The optical sensor 201 comprises the optical sensor elements whose detectable wavelength ranges are different from each other. The wavelength of each light source element of the light source 106 is within the detectable wavelength range of at least one optical sensor element. The detectable wavelength range of each optical sensor element includes the wavelength of at least one light source element. The number of types of the light source elements is generally equal to that of the optical sensor elements. For example, three types of optical sensor elements with bandpass filters corresponding to three colors of light may be used for the light source comprising three colors of LEDs. The number of optical sensor elements, however, may be greater or smaller than the number of different frequencies emitted by the light source elements of the light source 106 as long as the luminance and chromaticity of the light source elements can be controlled. It is also possible to use a single optical sensor time-divisionally to detect the intensity of different wavelengths of light.